

FIG. 1A

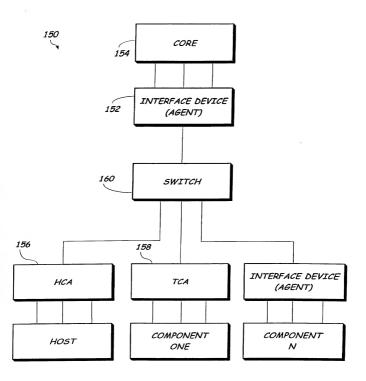


FIG. 1B

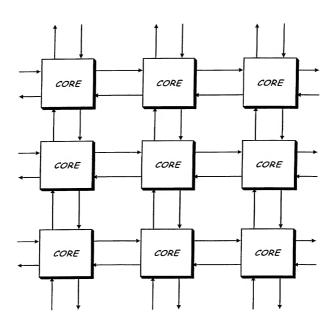


FIG. 1C

200

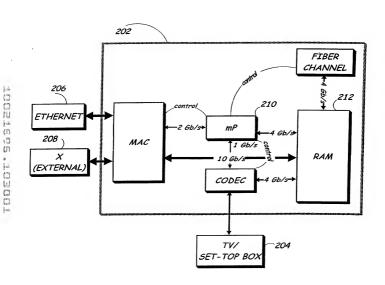


FIG. 2

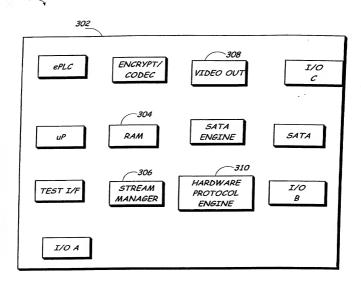


FIG. 3

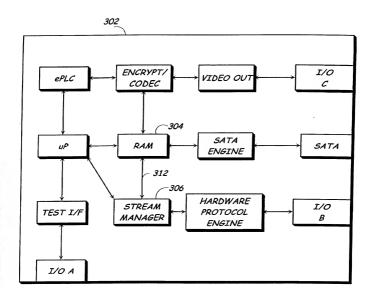


FIG. 4

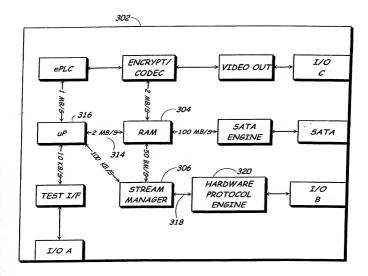


FIG. 5

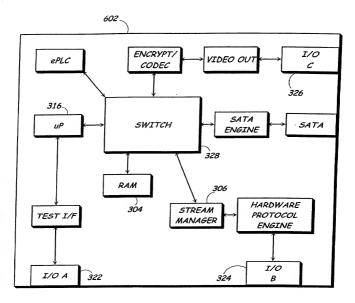


FIG. 6

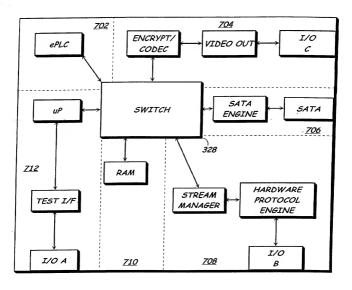


FIG. 7

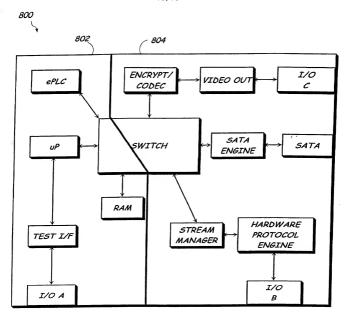


FIG. 8

900

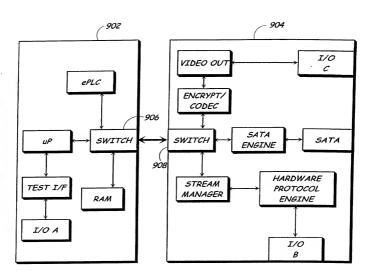


FIG. 9

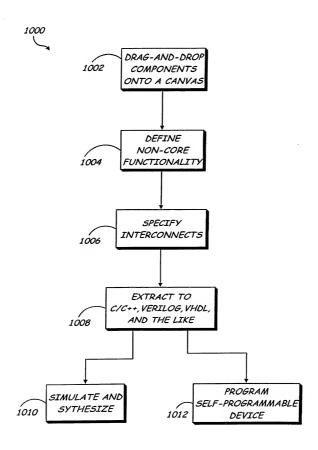


FIG. 10

DEVELOPMENT PROCESS 1122 1118 1114 CUP MODEL 1104 1102 CORES, USER FUNCTIONALITY, PARTITIONING, CONNECTIVITY PERFORMANCE, ePLC ePLC MODEL GOS, POWER PROGRAMMABILITY, AND THE LIKE "SILICON" EXTRACTION METHODOLOGY (METASTREAM) TIMING CONSTRAINTS сn ARCHITECTURAL ENVIRONMENT SILICON SYNTHESIS INTERCONNECT EXTRACTION PROCESS HARD/SOFT CORES CUSTOM 1108 CUSTOM CORES 1106 1120 INSTANCE(S) SOFTWARE RUNTIME 1100

FIG. 11